

# 2026 Technical Program

## Morning Session

8:30 Opening Remarks Session I - Chairs - Morgan Brown and Sissy Theisen

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8:40 Kickoff talk:  
**Photons, Phantoms, and Agents: Microseismic Detection, Synthetic Data Generation, and Agentic Modeling**  
Bob Clapp, Google X

9:25 **What do we need for improved handling of the near surface and how can we get it?**  
Christof Stork, Land Seismic Noise Specialists

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9:50 Break

Session II - Chairs - Grace Bastianon and Jess Puyear

10:15 **High West CCS Project Design: Maximizing Storage, Minimizing Impact**  
Brad Birkelo, BKV

10:40 **Higher Mode Amplitude Variation with Azimuth as a Fracture Fluid Indicator: A Pannonian Basin Geothermal Case Study**  
Scott Cook, Tricon Geophysics

11:05 **Cascade Tomography Applied to Karsting in the Permian Basin**  
Chuck Diggins, DigginsGeo, LLC

11:30 Lunch Break



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## Afternoon Session

**12:20** *Keynote Address:*  
**The Mechanics of Wastewater Injection and The Challenge of Containment from Basement to Surface**  
Seth Buseti, PhD Center for Injection and Seismicity Research (CISR), Bureau of Economic Geology

**1:05** Break

Session III—Chairs— Sarah Gach and Lisa D'Ambrosia

**1:35** **Integrating Cross Discipline Data to Optimize Production and Prevent Casing Deformation in the Austin Chalk Play of South Texas**  
Jon Holt, Black Mountain Oil and Gas

**2:00** **The role of 2D seismic data in the evaluation of the Goodland unconventional reservoir**  
Friso Brouwer, I<sup>3</sup> Geo

**2:35** **Discovery and Development of the Corvinus Unconventional Gas Field, Hungary**  
Michael Peffer, Aspect Energy

**3:00** Break

Session IV—Chairs— Andrew Keene and Jeff Zawila

**3:25** **Enhancing Frequency Content of Onshore Seismic Data with Advanced Bandwidth Extension**  
Marianne Rauch, Lumina

**3:50** **An overview of modern 6C ultra high-density 2D multi-component seismic reflection program in the Northern Upper Mississippi Embayment, Western Kentucky**  
Ted Stieglitz, Explor

**4:15** **Using the Wave-Equation Based AVO Inversion to identify Dolomitization within Carbonates: Canning Basin Case Study**  
Hansel Gonzalez, Delft Inversion

**4:40** Closing Remarks - Best Speaker voting - Drinks & Awards

